

“CSC CODE A BIT-LIT”

DATA VISUALIZATION

TEAM-23

<https://github.com/piyushP7pravin/CSC-Code-A-Bit-Lit>

LOVE TYAGI

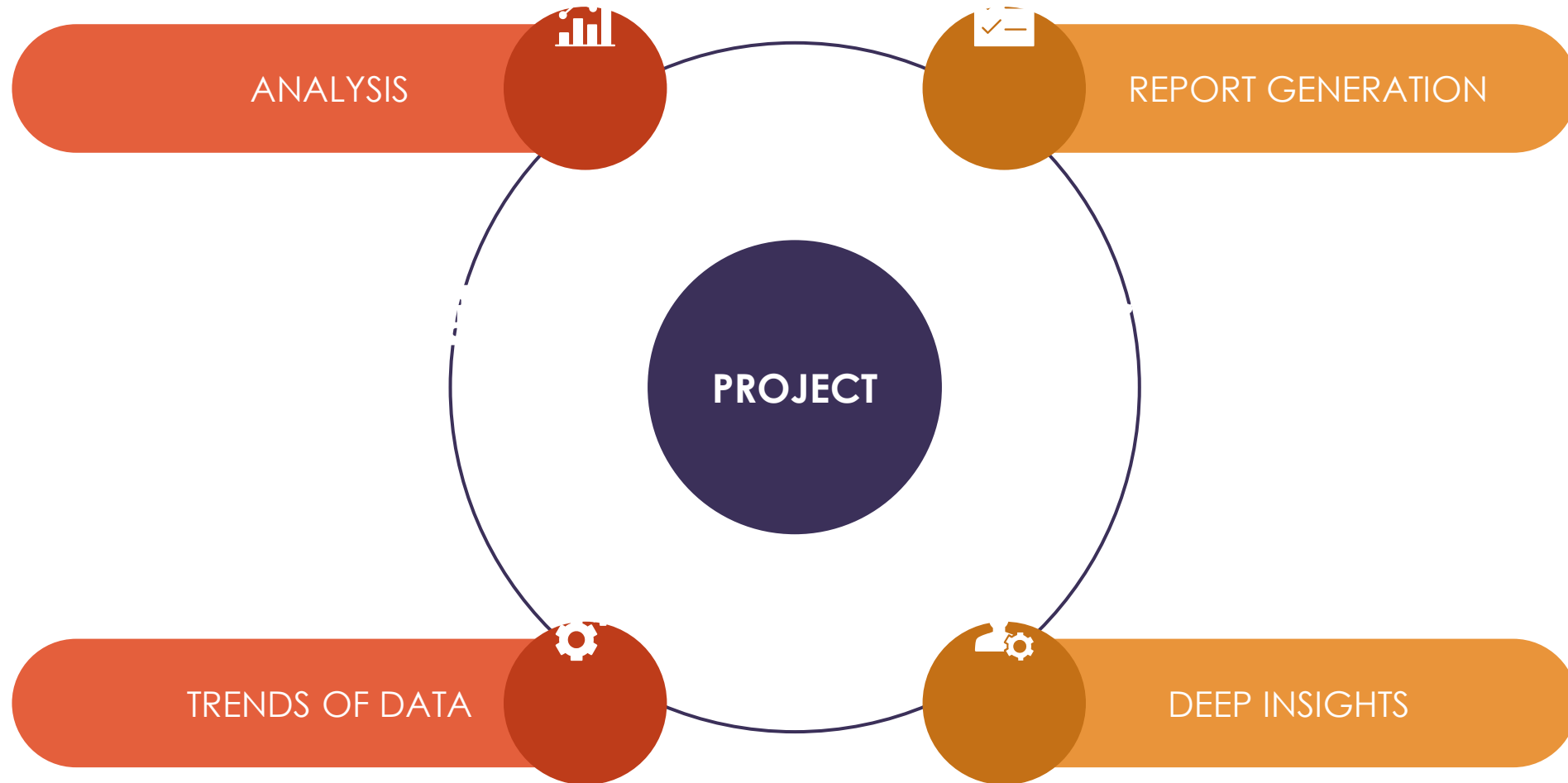
GitHub : lovetyagi-17
LinkedIn : love-tyagi-b4a487150

PIYUSH PRAVIN

GitHub : piyushP7pravin
LinkedIn : piyushP7pravin

Project Analysis

- Data visualization refers to presenting data in a graphical or pictorial form, such as a pie chart. Visualizations allow audiences to recognize patterns more quickly. Interactive displays enable decision-makers to drill down through the layers of detail. This changes perspectives so that users can review the facts behind the analysis.



Overview

DATASET INFO

Numeric	1
Categorical	22
Boolean	0
Date	0
Text (Unique)	1
Rejected	0
Unsupported	0

VARIABLE TYPES

Number of variables	24
Number of observations	5217
Total Missing (%)	0.0%
Total size in memory	978.3 KiB
Average record size in memory	192.0 B

Repo Structure

1. Main Program File
 - CSC_data_visualization_LOVE_Piyush.ipynb
2. Working Demo
 - HTML_Ev
 - head.html
 - Plots -> report_data

REPO LINK

<https://github.com/piyushP7pravin/CSC-Code-A-Bit-Lit>

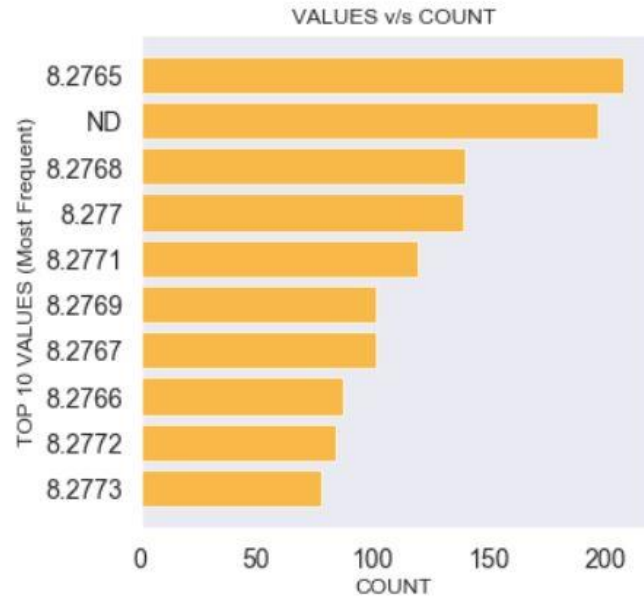
EDA Column Variables (Before Data Cleaning)

Few Samples Rest on repo

VISUALIZING CHINA - YUAN/US\$

	Count	Percentage
8.2765	208	3.986966
ND	197	3.776117
8.2768	140	2.683535
8.277	139	2.664366
8.2771	119	2.281004
8.2769	101	1.935979
8.2767	101	1.935979
8.2766	87	1.667625
8.2772	84	1.610121
8.2773	78	1.495112

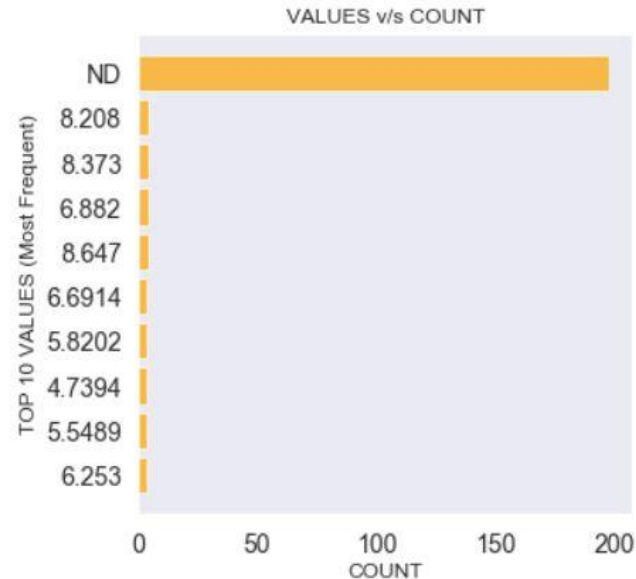
Missing Values Percentage 0.0



VISUALIZING DENMARK - DANISH KRONE/US\$

	Count	Percentage
ND	198	3.795285
8.208	4	0.076672
8.373	4	0.076672
6.882	4	0.076672
8.647	4	0.076672
6.6914	3	0.057504
5.8202	3	0.057504
4.7394	3	0.057504
5.5489	3	0.057504
6.253	3	0.057504

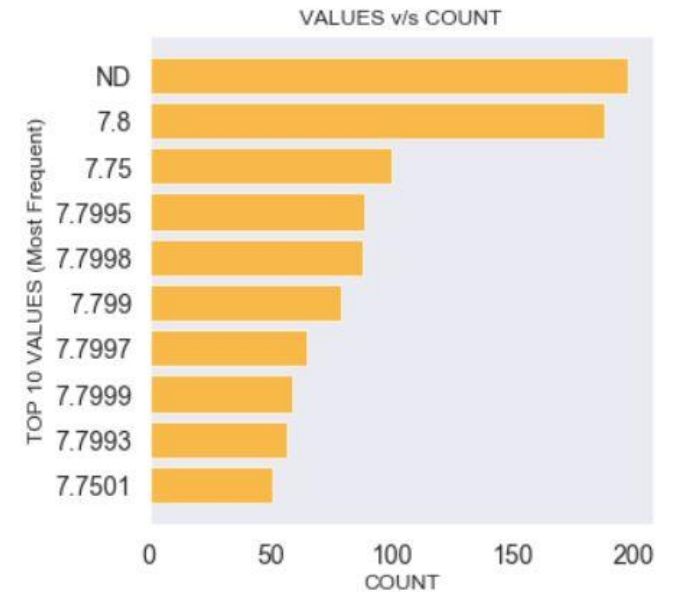
Missing Values Percentage 0.0



VISUALIZING HONG KONG - HONG KONG DOLLAR/US\$

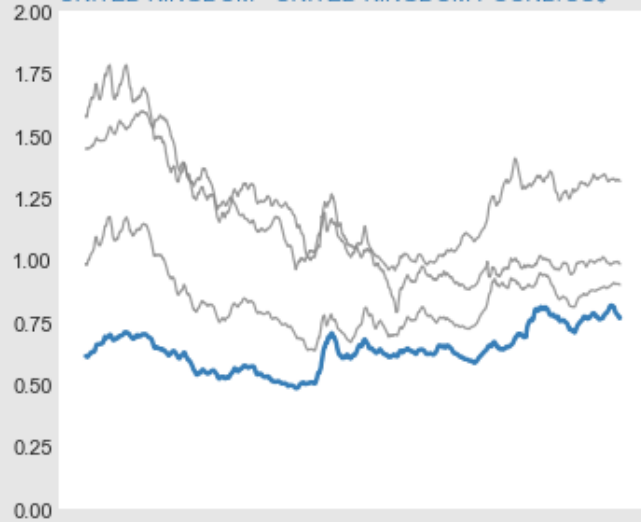
	Count	Percentage
ND	198	3.795285
7.8	188	3.603604
7.75	100	1.916810
7.7995	89	1.705961
7.7998	88	1.686793
7.799	79	1.514280
7.7997	65	1.245927
7.7999	59	1.130918
7.7993	57	1.092582
7.7501	51	0.977573

Missing Values Percentage 0.0

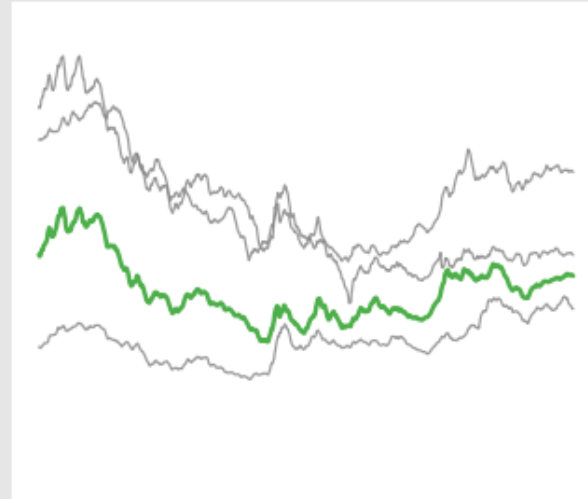


Major Foreign Exchange Rates

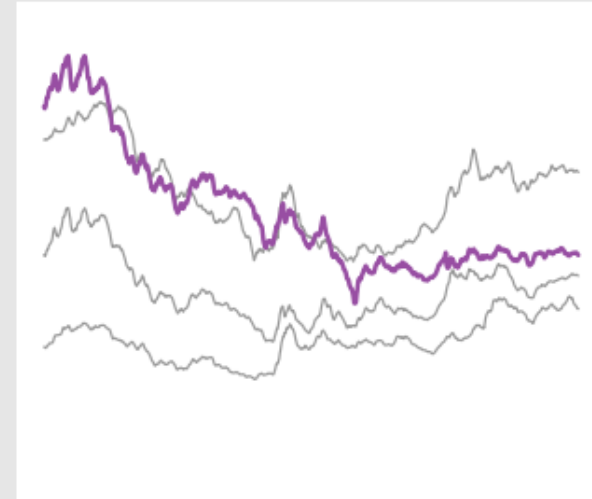
UNITED KINGDOM - UNITED KINGDOM POUND/US\$



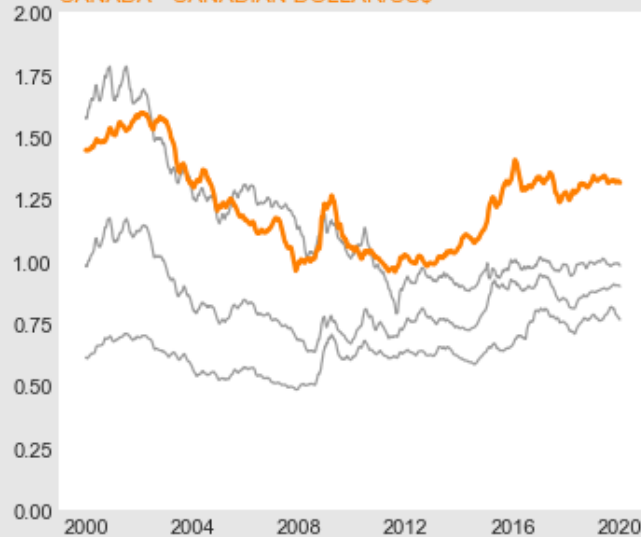
EURO AREA - EURO/US\$



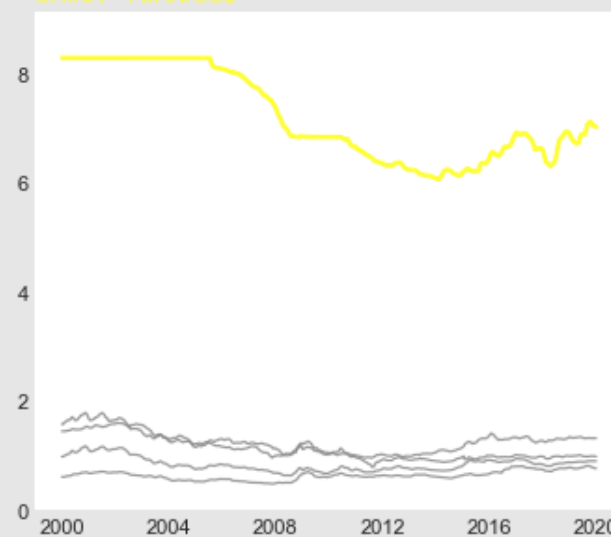
SWITZERLAND - FRANC/US\$



CANADA - CANADIAN DOLLAR/US\$



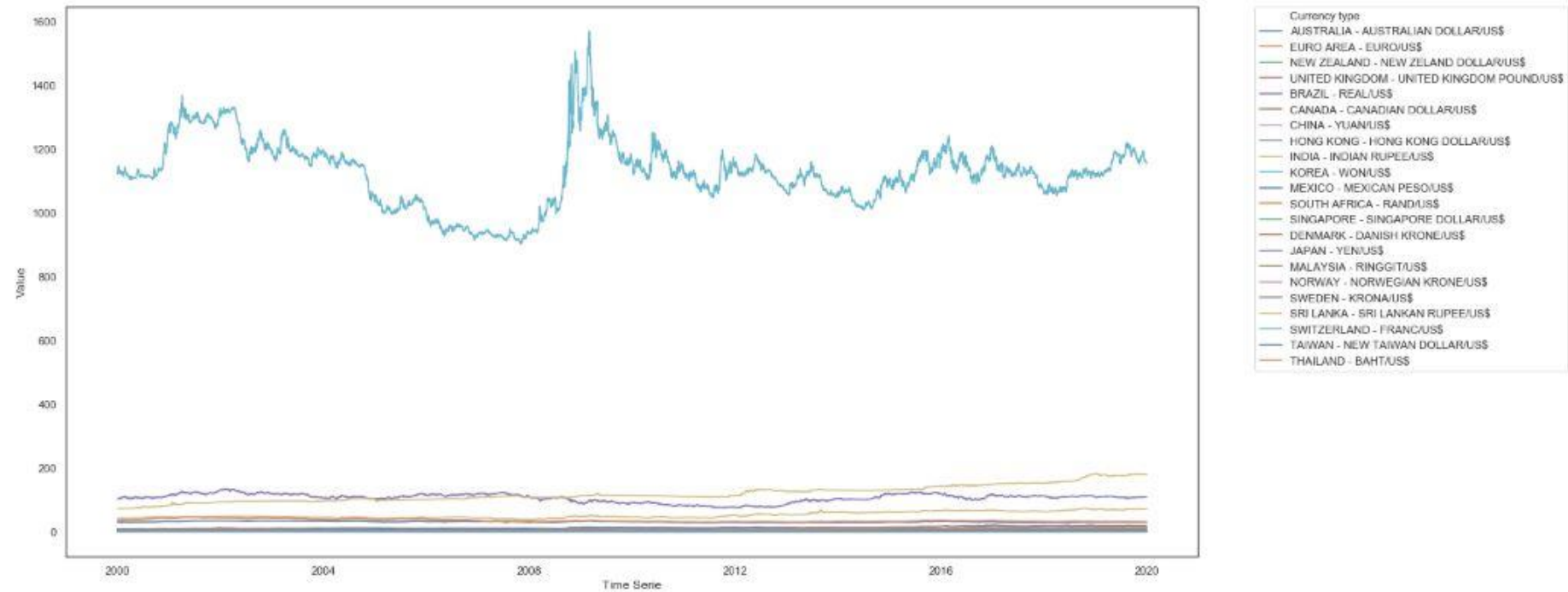
CHINA - YUAN/US\$



JAPAN - YEN/US\$



Comapring exchange rates with Time_series



Analysis of exchange rate year wise

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THANK YOU

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